

## Lighting Element Comprising An Inserted Light-Guiding Body

### Abstract:

5 Method for the production of a lighting element comprising  
at least one luminescent diode and an inserted light-  
guiding body, which is arranged in front of said  
luminescent diode in the direction of the exit of the main  
light, wherein the respective luminescent diodes are  
10 connected to the inserted light-guiding body by an  
injection molding process with transparent plastic. For  
this purpose, at least 50 % of the surface of the light-  
emitting diodes is covered by the injected material during  
injection molding. At the same time, the maximum wall  
15 thickness of the injected layer does not exceed three-times  
the minimum wall thickness of said layer.

Using the present invention, a method for the production of  
light-guiding lighting elements is developed by using at  
20 least one inserted light-guiding body, wherein the  
transparent partial illuminating bodies are connected to  
one another in a safe, rapid and precise manner with  
respect to the form thereof.